

FIGURE 1

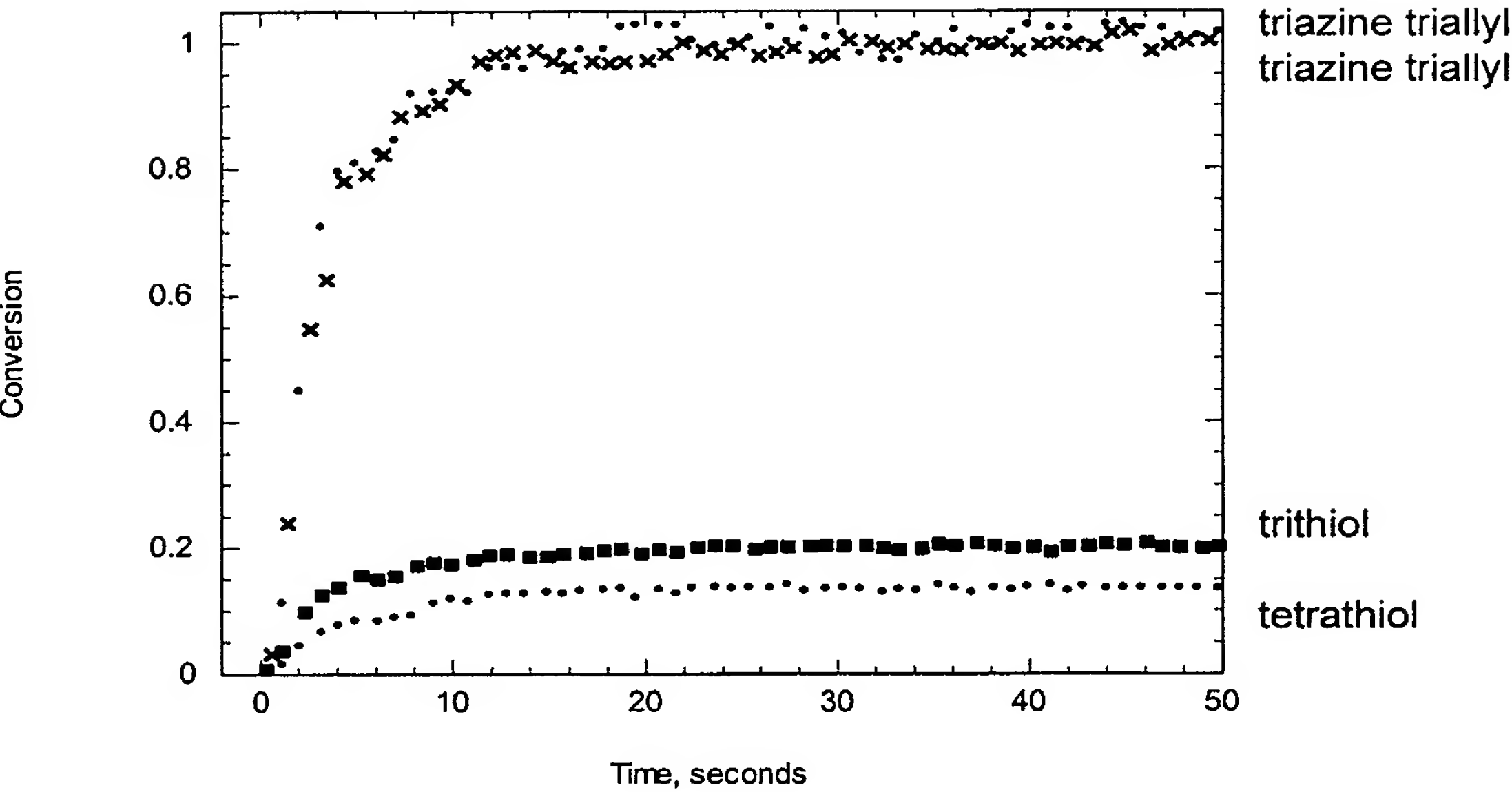


FIGURE 2

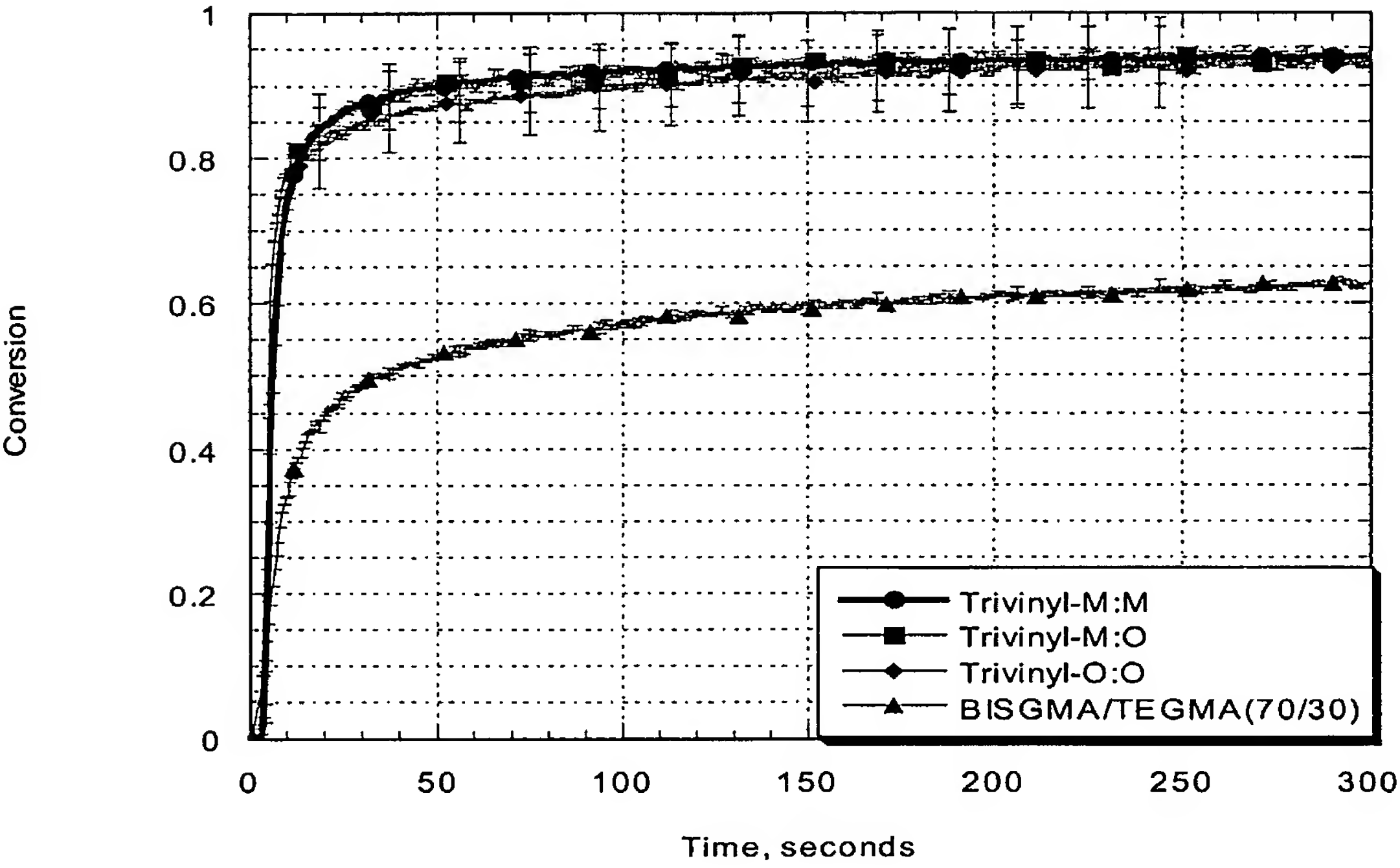


FIGURE 3

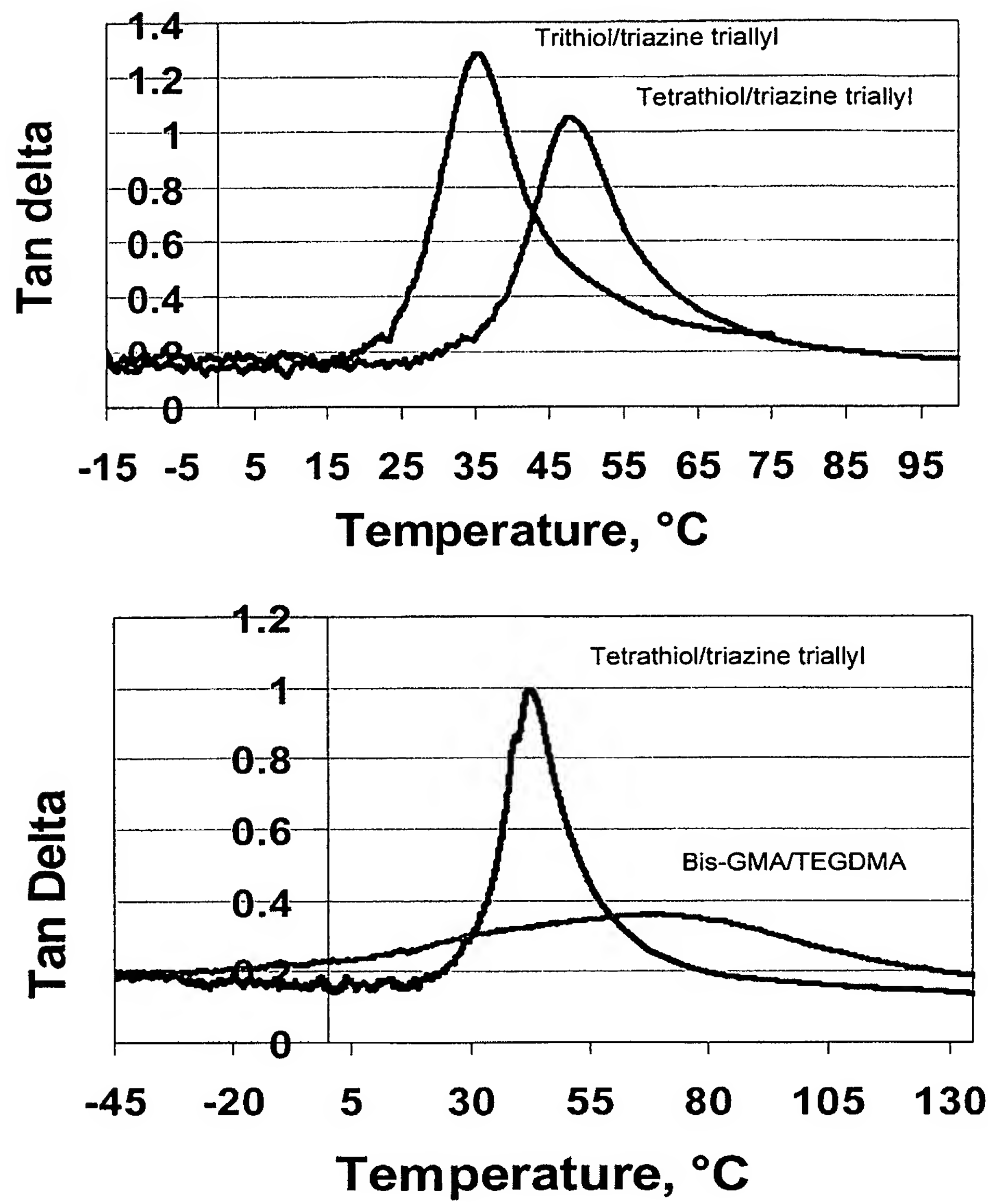


FIGURE 4

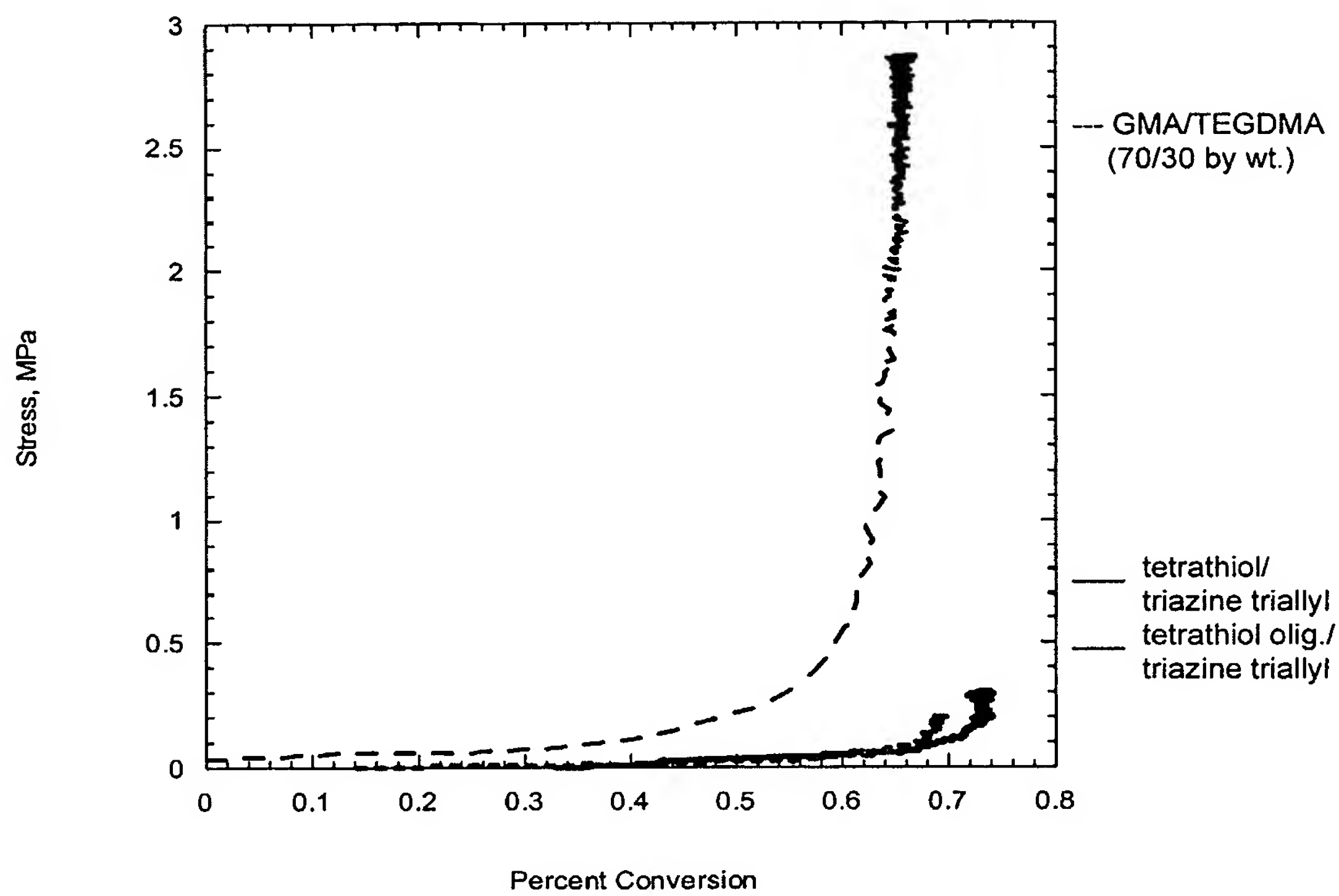


FIGURE 5

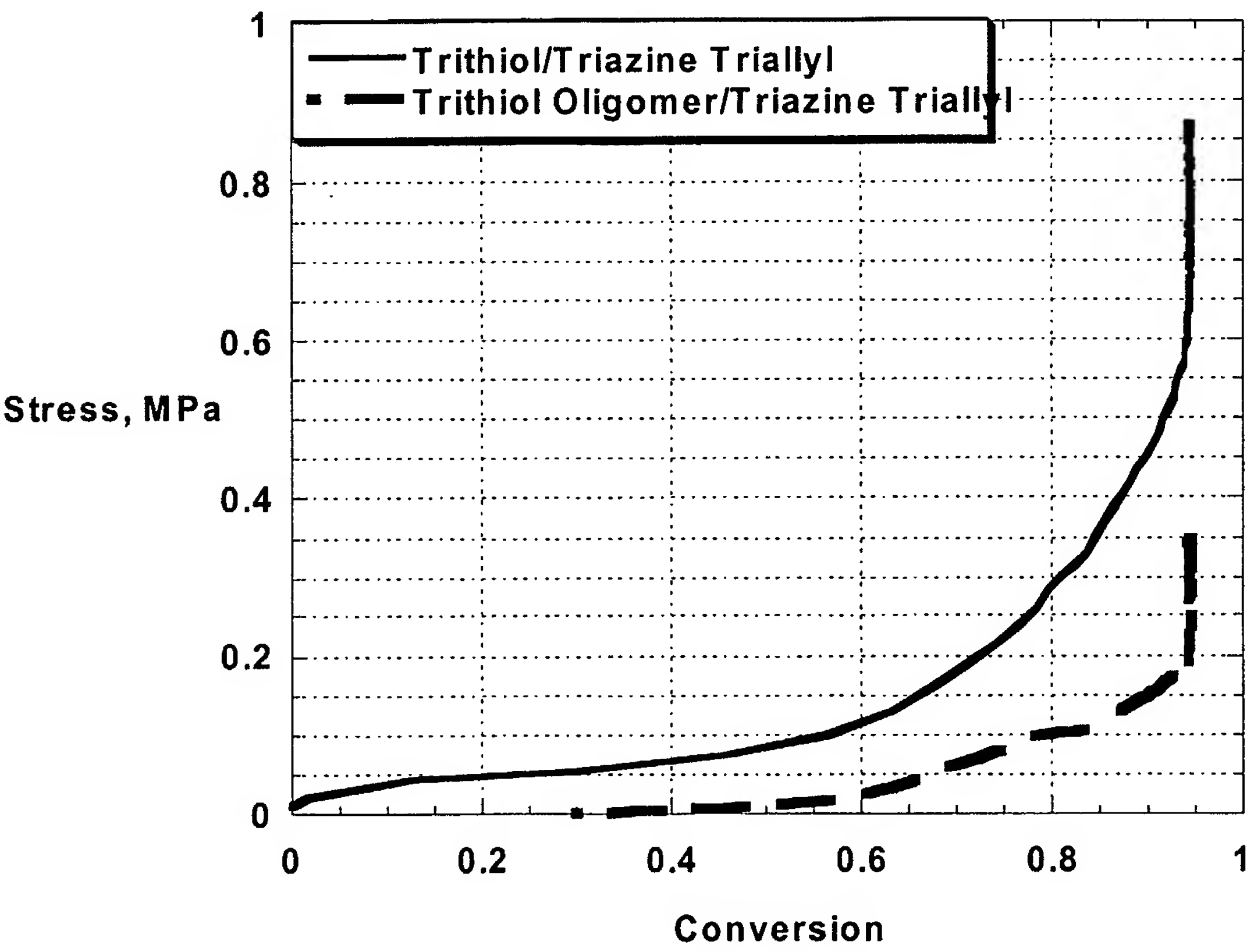


FIGURE 6

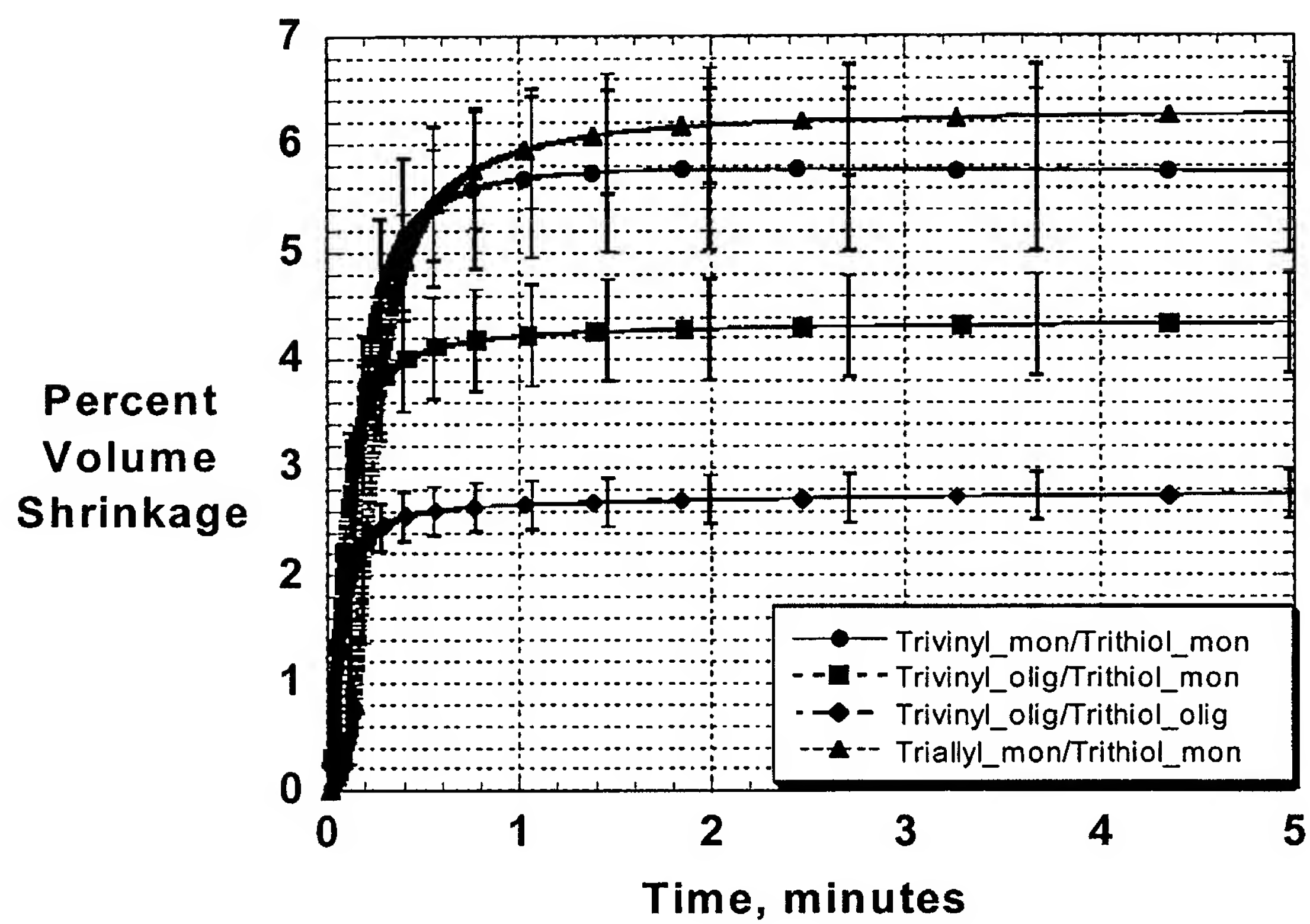


FIGURE 7

ene monomer	thiol monomer	thiol conversion	ene conversion
triallyl	trithiol	95.2 \pm 2.7	97.6 \pm 2.9
O-triallyl	trithiol	87.3 \pm 2.7	94.5 \pm 1.8
trivinyl	trithiol	96.6 \pm 1.5	93.8 \pm 0.8
O-trivinyl	trithiol	95.7 \pm 5.8	95.1 \pm 4.5
O-trivinyl	O-trithiol	81.3 \pm 0.4	85.8 \pm 5.6
triazine triallyl	trithiol	81.4 \pm 1.6	95.5 \pm 0.8
triazine triallyl	O-trithiol	86.1 \pm 1.4	84.5 \pm 2.20
triazine triallyl	tetrathiol	74.2 \pm 1.1	88.9 \pm 2.1
triazine triallyl	O-tetrathiol		

FIGURE 8A

ene monomer	thiol monomer	Percent Volume Shrinkage
triallyl	trithiol	6.53 \pm 0.58
trivinyl	trithiol	5.71 \pm 0.75
O-trivinyl	trithiol	4.02 \pm 0.18
O-trivinyl	O-trithiol	2.53 \pm 0.40
triazine triallyl	trithiol	7.2 \pm 0.16
triazine triallyl	O-trithiol	3.33 \pm 0.62
triazine triallyl	tetrathiol	6.07 \pm 0.58
triazine triallyl	O-tetrathiol	2.76 \pm 0.41

FIGURE 8B

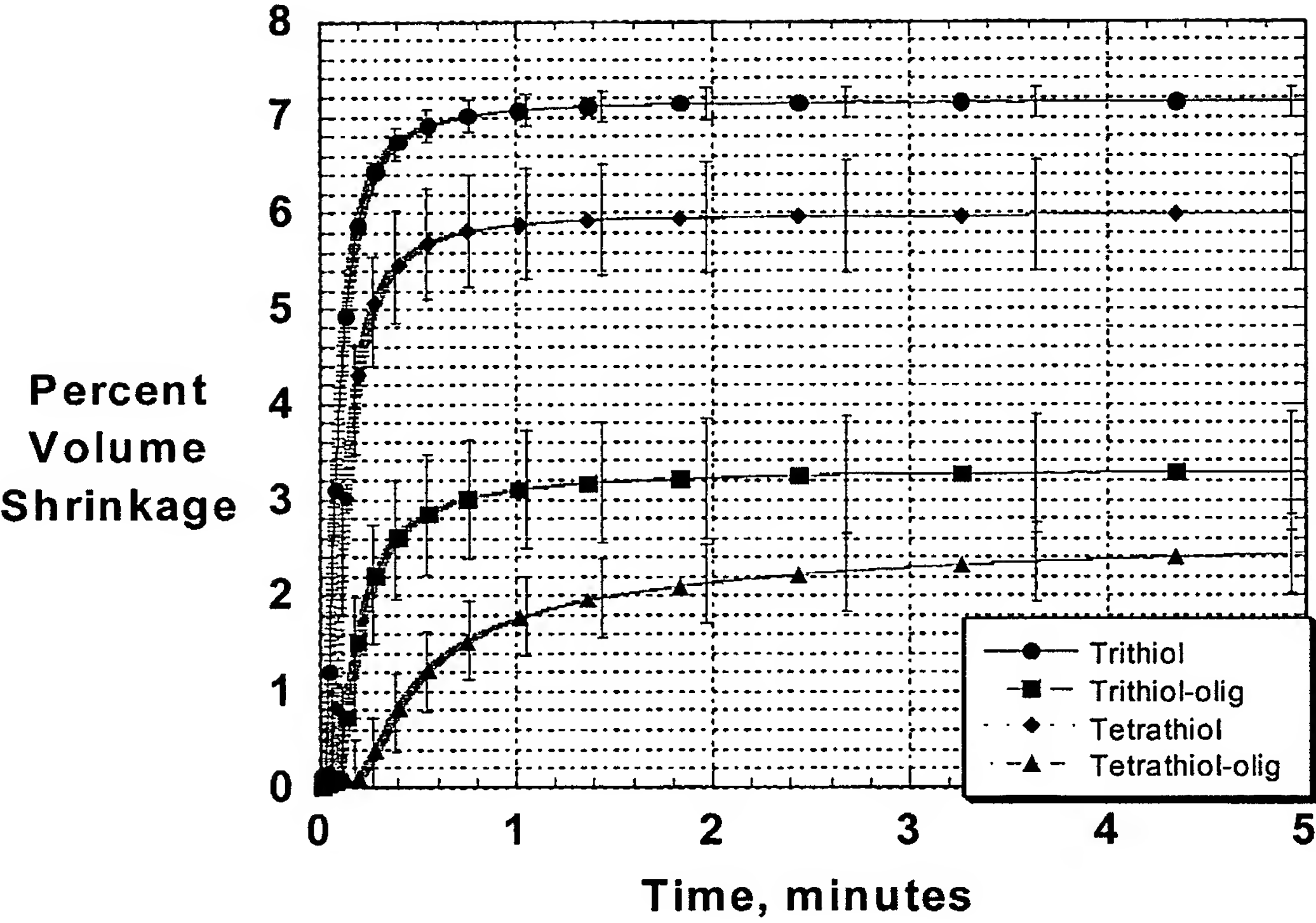


FIGURE 9